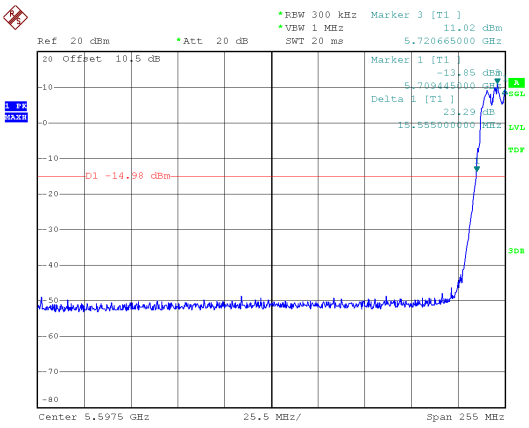
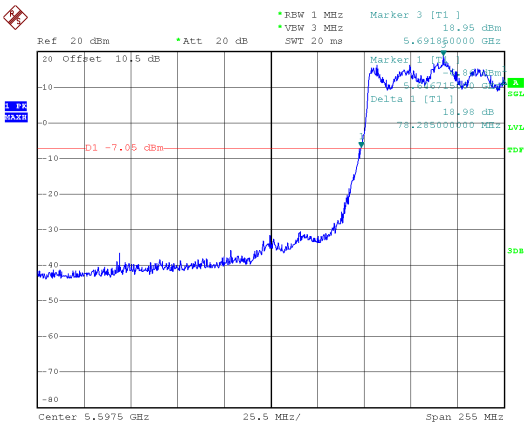
26dB Bandwidth, ANT D
Within 5470-5725MHz Band, Straddle Channel

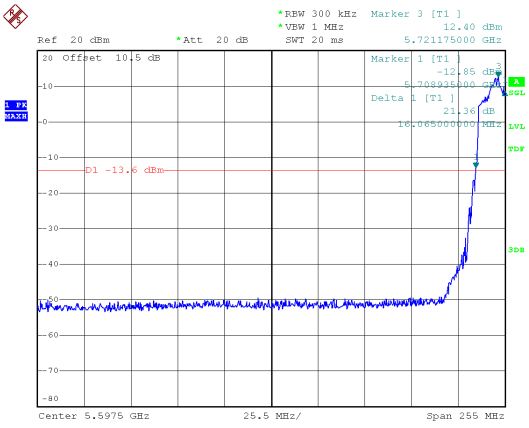
Modulation Type: 802.11a (6Mbps)
CH144



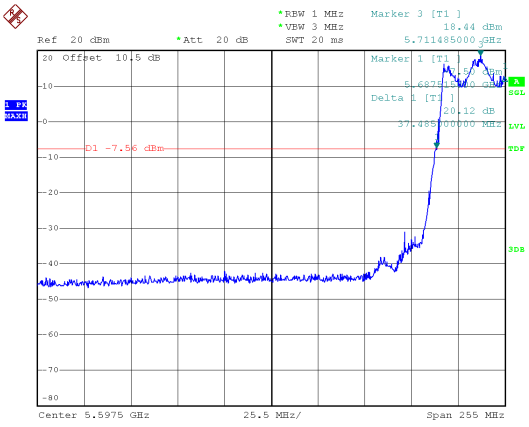
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



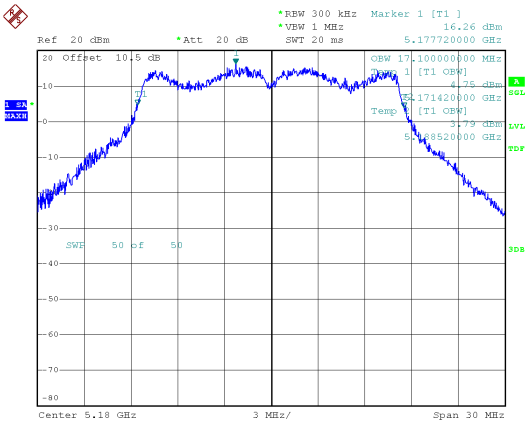
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



99% Bandwidth, ANT A

Modulation Type: 802.11a (6Mbps)

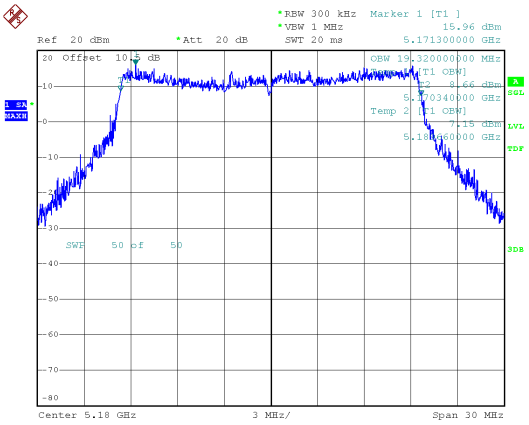
CH36



Date: 2.JAN.2025 17:44:43

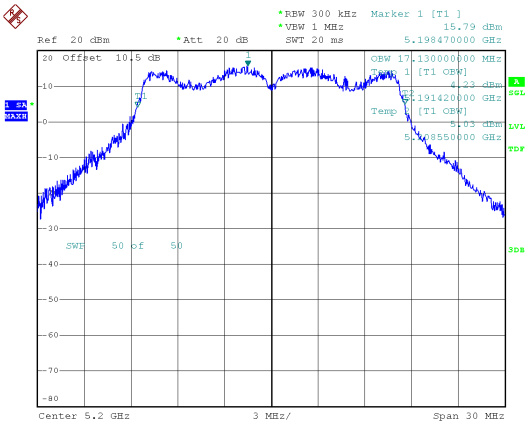
Modulation Type: 802.11be EHT20 (7.3Mbps)

CH36



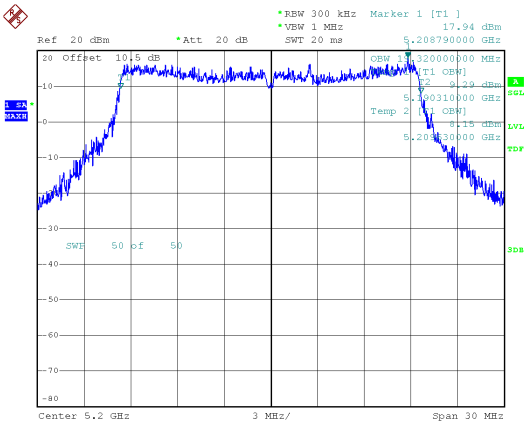
Date: 3.JAN.2025 14:27:31

CH40



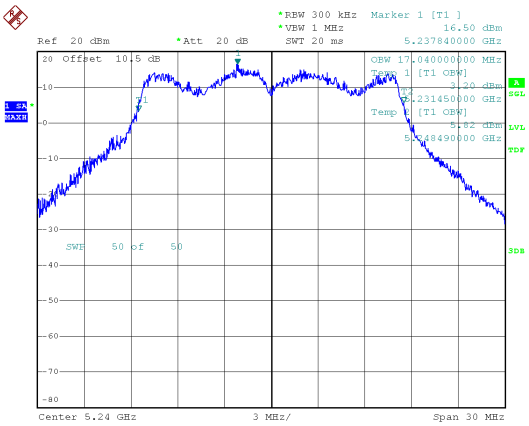
Date: 2.JAN.2025 17:51:48

CH40



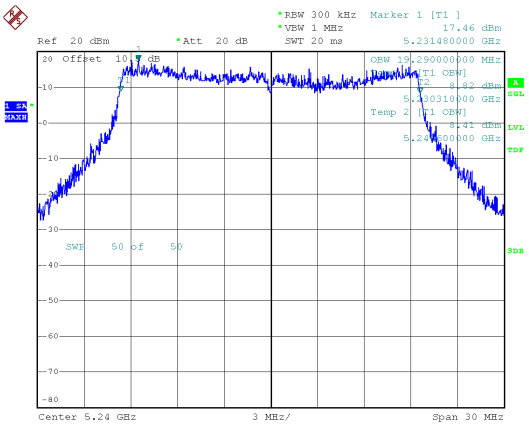
Date: 3.JAN.2025 14:38:19

CH48



Date: 3.JAN.2025 10:32:32

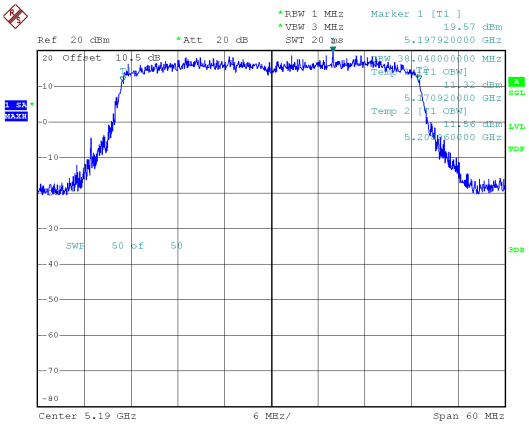
CH48



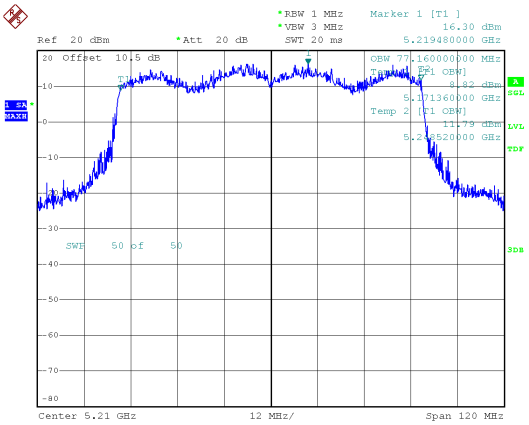
Date: 3.JAN.2025 14:56:26

99% Bandwidth, ANT A

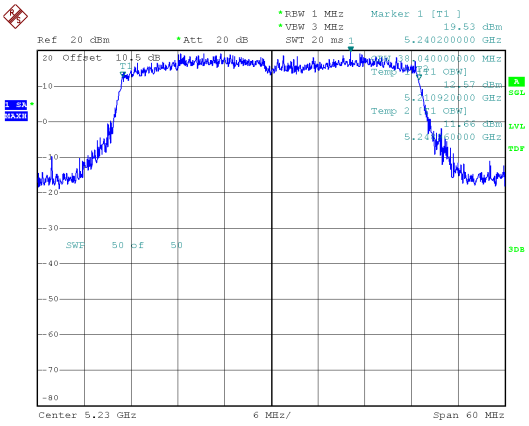
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH38



Modulation Type: 802.11be EHT80 (30.6Mbps)
CH42



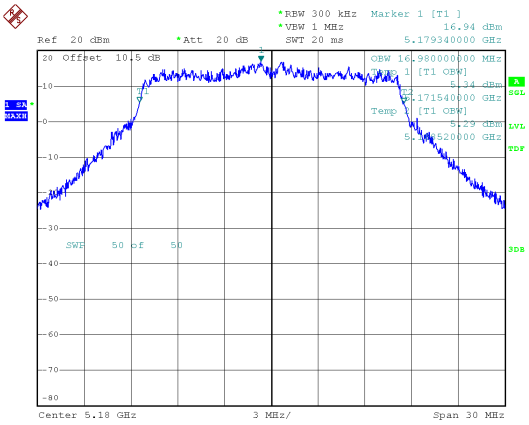
CH46



99% Bandwidth, ANT D

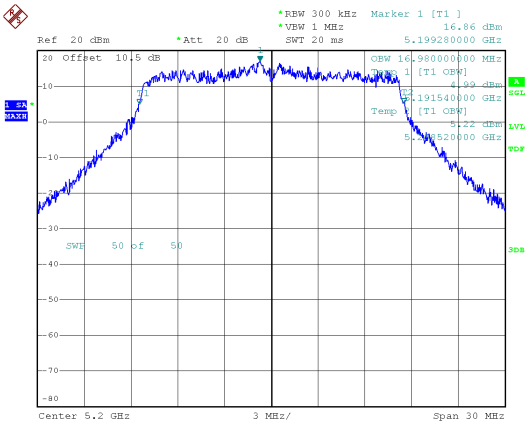
Modulation Type: 802.11a (6Mbps)

CH36



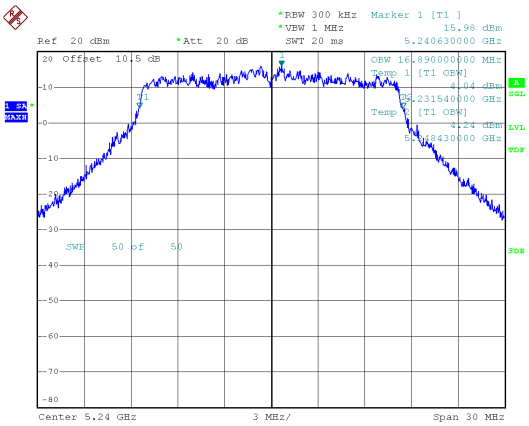
Date: 2.JAN.2025 17:45:50

CH40



Date: 2.JAN.2025 17:52:37

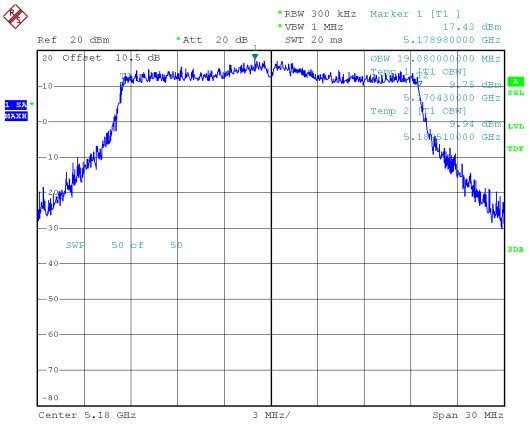
CH48



Date: 3.JAN.2025 10:33:35

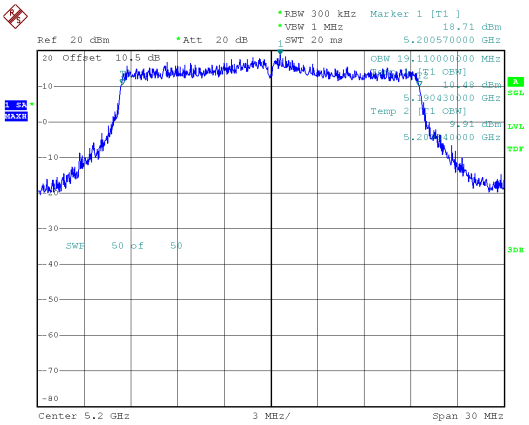
Modulation Type: 802.11be EHT20 (7.3Mbps)

CH36



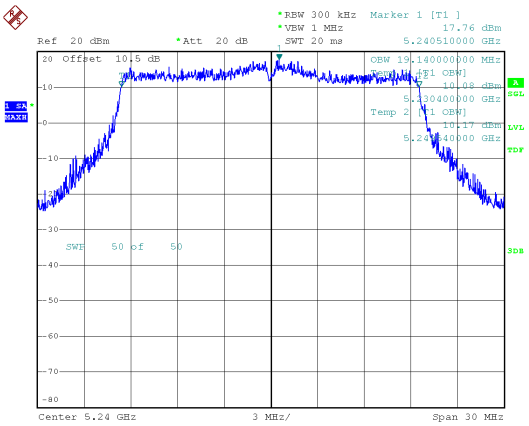
Date: 3.JAN.2025 14:28:39

CH40



Date: 3.JAN.2025 14:39:27

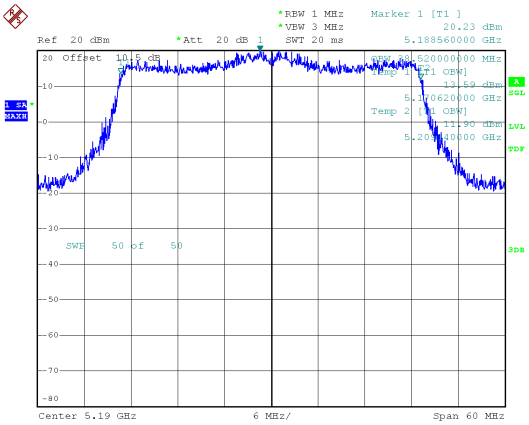
CH48



Date: 3.JAN.2025 14:57:49

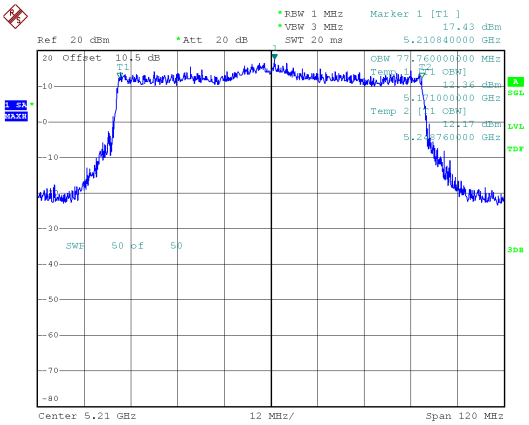
99% Bandwidth, ANT D

Modulation Type: 802.11be EHT40 (14.6Mbps)
CH38



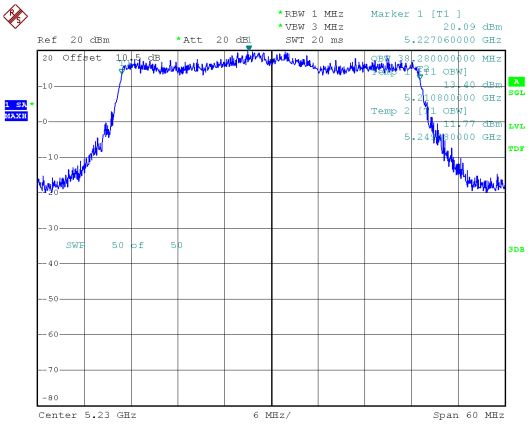
Date: 6.JAN.2025 11:48:31

Modulation Type: 802.11be EHT80 (30.6Mbps)
CH42



Date: 6.JAN.2025 14:55:24

CH46

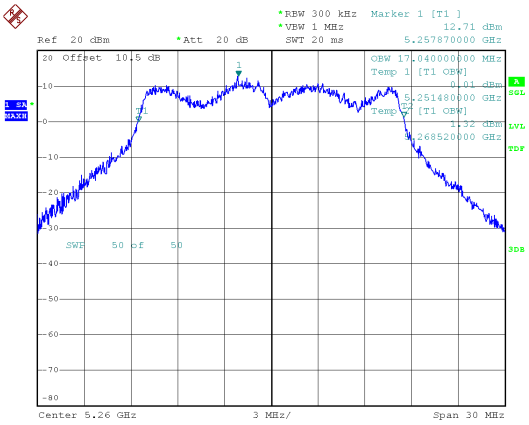


Date: 6.JAN.2025 11:54:10

99% Bandwidth,ANT A

Modulation Type: 802.11a (6Mbps)

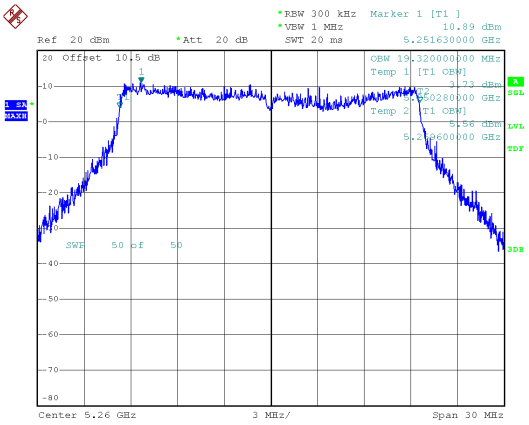
CH52



Date: 3.JAN.2025 10:38:00

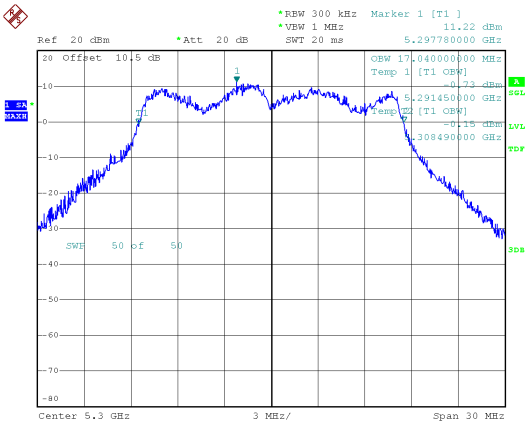
Modulation Type: 802.11be EHT20 (7.3Mbps)

CH52



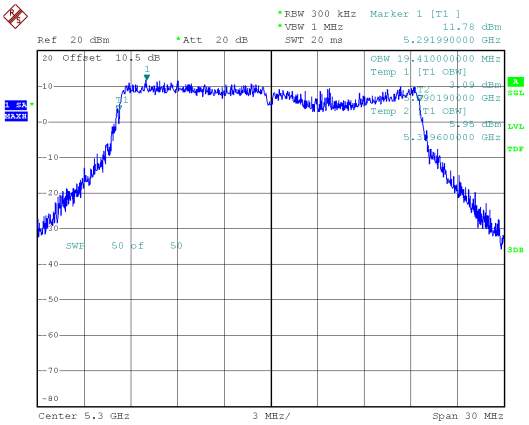
Date: 3.JAN.2025 15:13:40

CH60



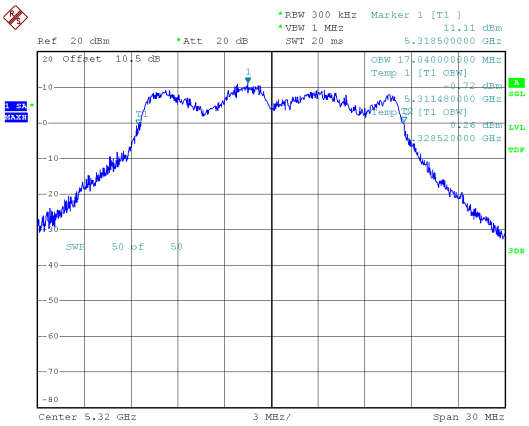
Date: 3.JAN.2025 10:45:48

CH60



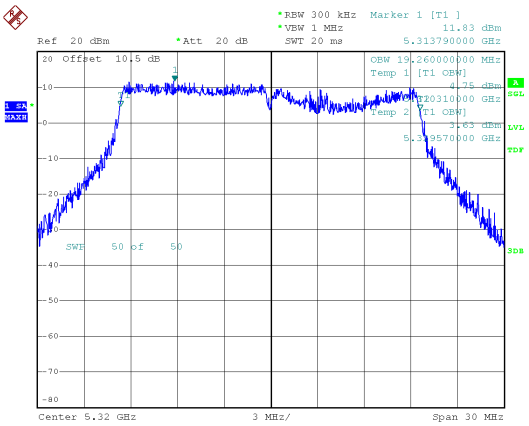
Date: 3.JAN.2025 15:34:34

CH64



Date: 3.JAN.2025 11:03:03

CH64

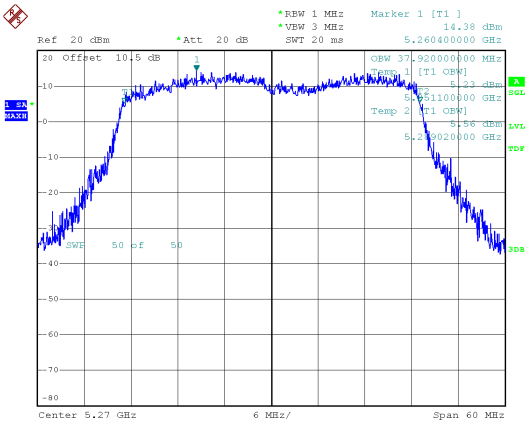


Date: 3.JAN.2025 15:38:46

99% Bandwidth,ANT A

Modulation Type: 802.11be EHT40 (14.6Mbps)

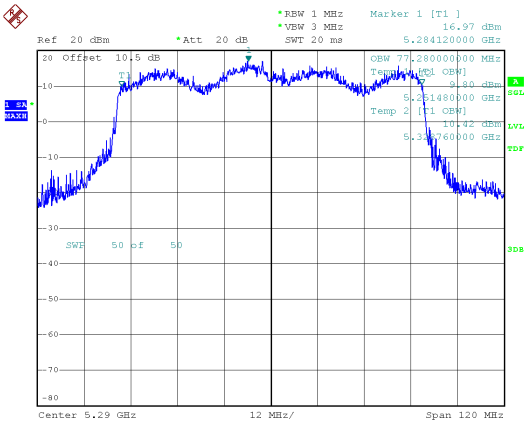
CH54



Date: 6.JAN.2025 13:19:56

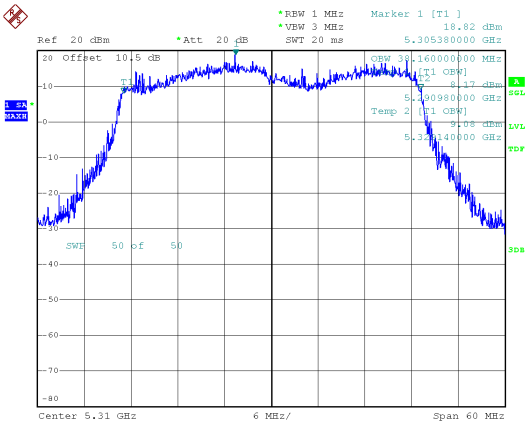
Modulation Type: 802.11be EHT80 (30.6Mbps)

CH58



Date: 6.JAN.2025 15:01:29

CH62

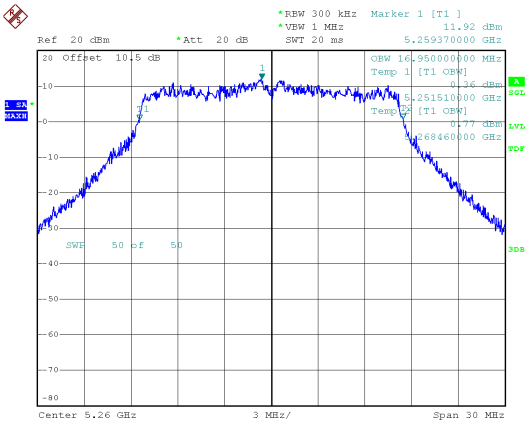


Date: 6.JAN.2025 13:37:32

99% Bandwidth,ANT D

Modulation Type: 802.11a (6Mbps)

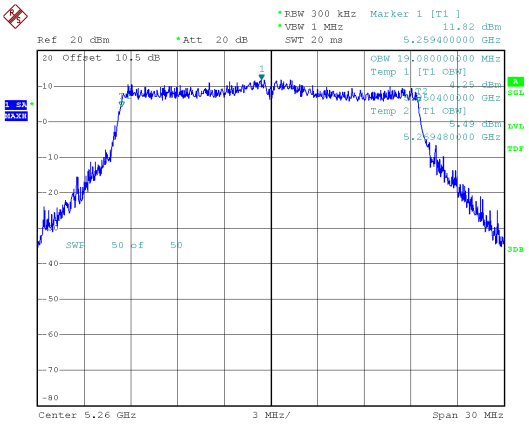
CH52



Date: 3.JAN.2025 10:40:14

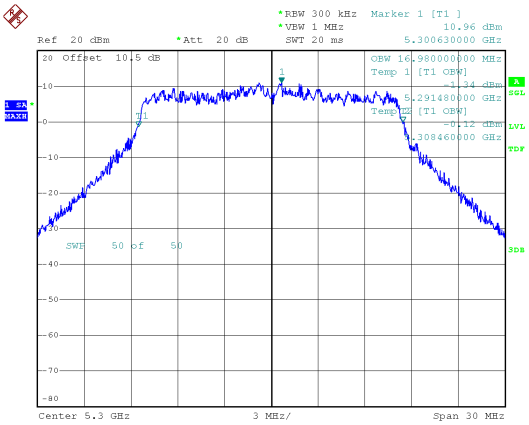
Modulation Type: 802.11be EHT20 (7.3Mbps)

CH52



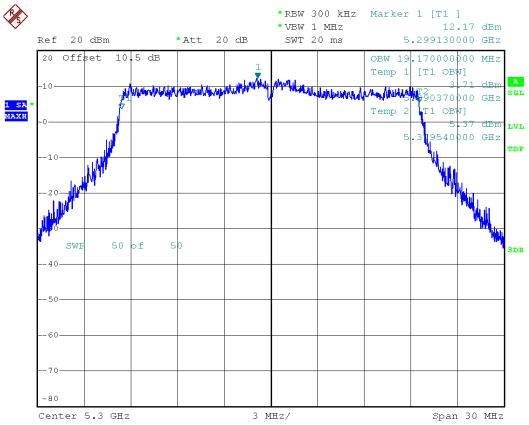
Date: 3.JAN.2025 15:14:48

CH60



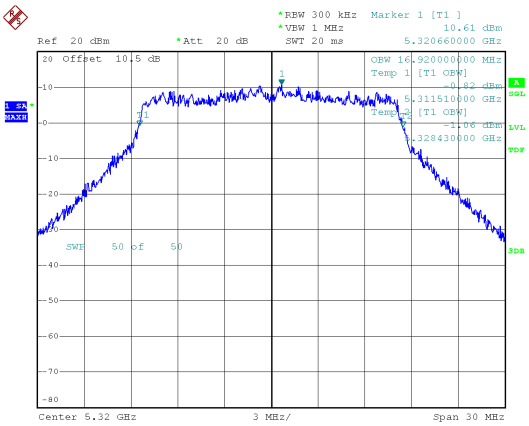
Date: 3.JAN.2025 10:47:15

CH60



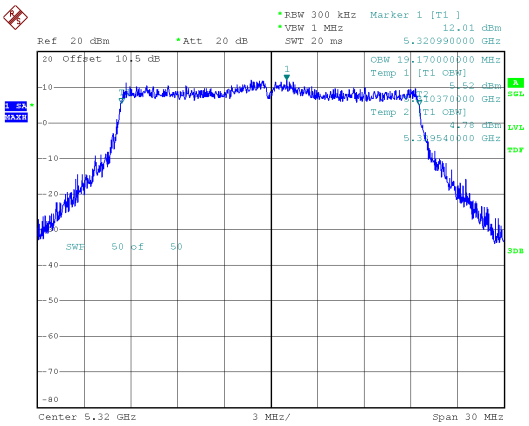
Date: 3.JAN.2025 15:36:02

CH64



Date: 3.JAN.2025 11:04:30

CH64

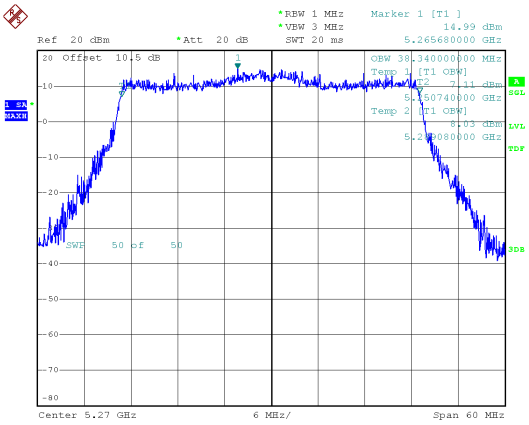


Date: 3.JAN.2025 15:40:14

99% Bandwidth,ANT D

Modulation Type: 802.11be EHT40 (14.6Mbps)

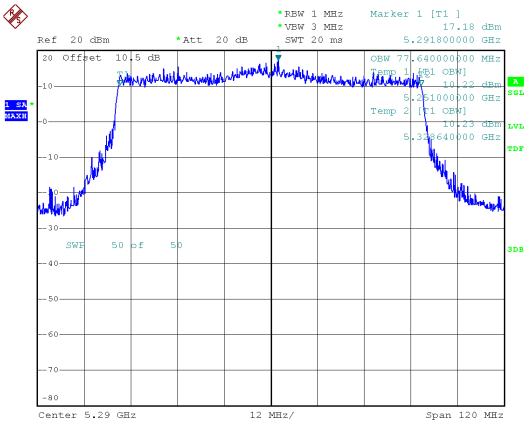
CH54



Date: 6.JAN.2025 13:22:12

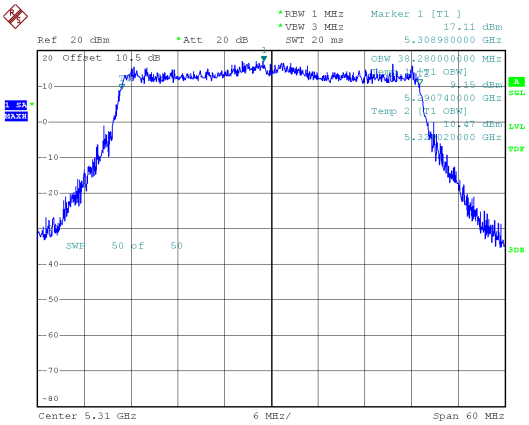
Modulation Type: 802.11be EHT80 (30.6Mbps)

CH58



Date: 6.JAN.2025 15:03:02

CH62

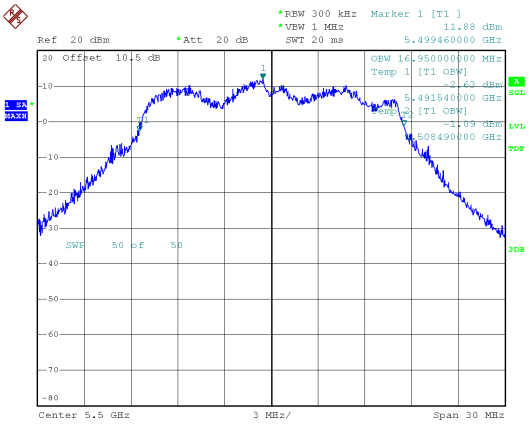


Date: 6.JAN.2025 13:38:35

99% Bandwidth, ANT A

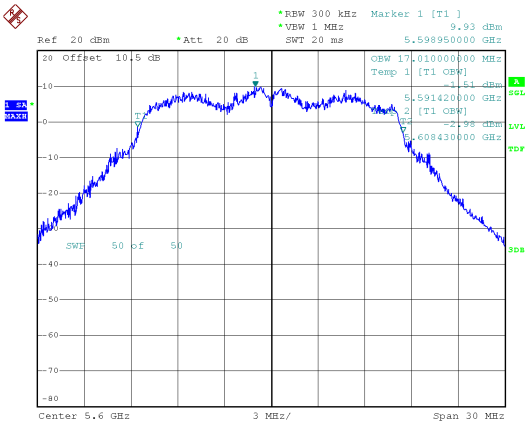
Modulation Type: 802.11a (6Mbps)

CH100



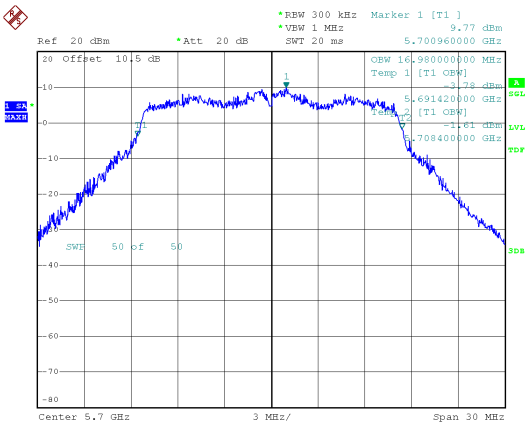
Date: 3.JAN.2025 11:07:24

CH120



Date: 3.JAN.2025 11:23:37

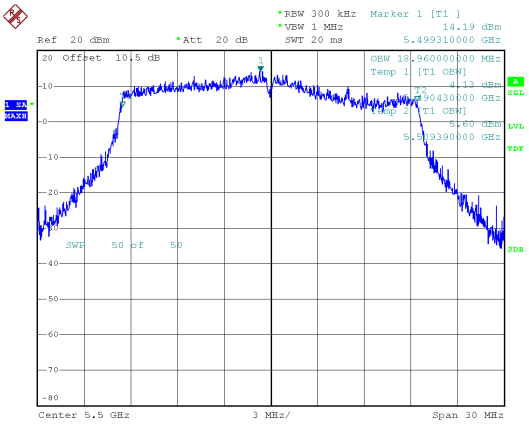
CH140



Date: 3.JAN.2025 11:41:06

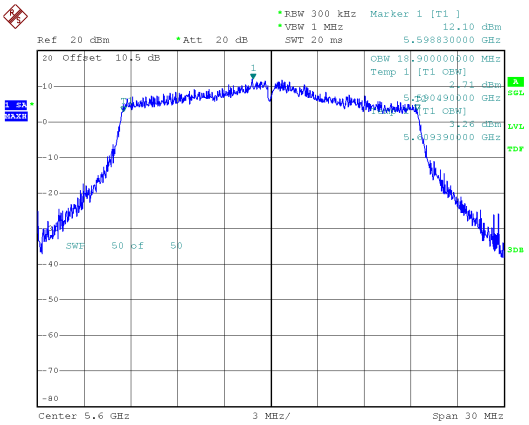
Modulation Type: 802.11be EHT20 (7.3Mbps)

CH100



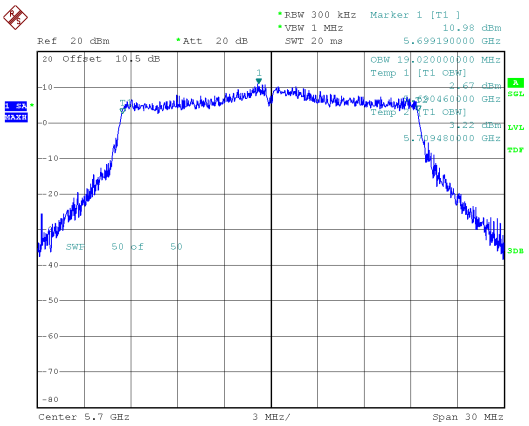
Date: 3.JAN.2025 16:36:45

CH120



Date: 3.JAN.2025 16:54:03

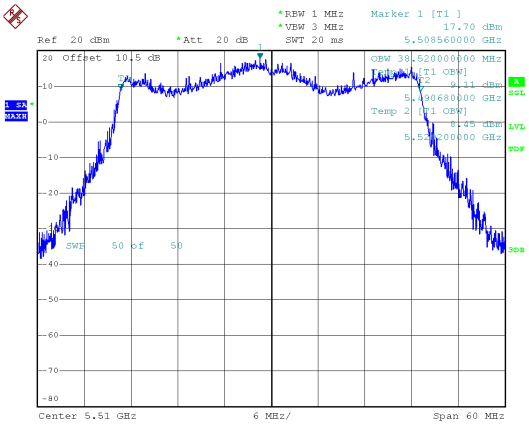
CH140



Date: 6.JAN.2025 09:43:15

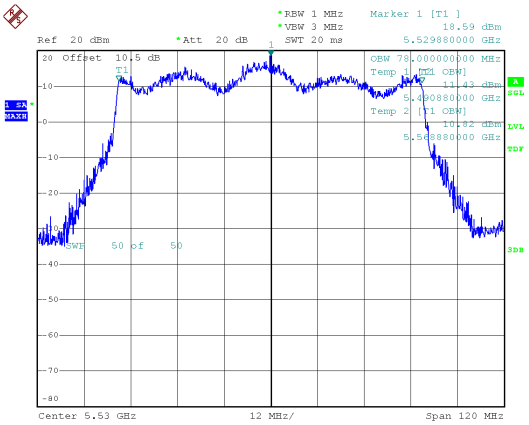
99% Bandwidth, ANT A

Modulation Type: 802.11be EHT40 (14.6Mbps)
CH102



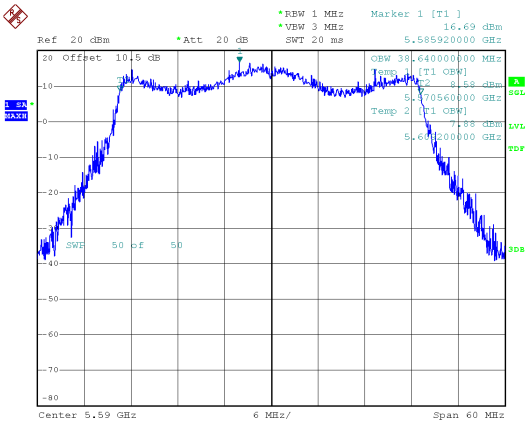
Date: 6.JAN.2025 13:49:55

Modulation Type: 802.11be EHT80 (30.6Mbps)
CH106



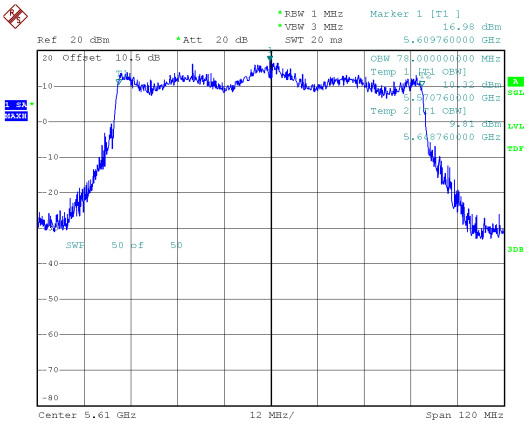
Date: 6.JAN.2025 15:24:46

CH118

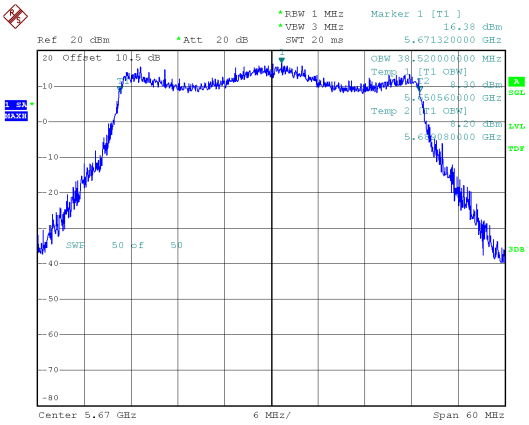


Date: 6.JAN.2025 14:10:09

CH122



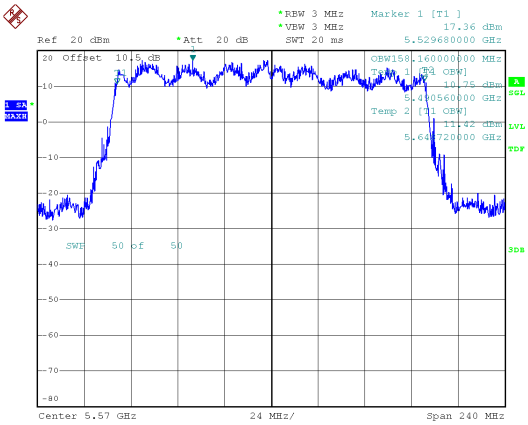
CH134



Date: 6.JAN.2025 14:15:06

99% Bandwidth, ANT A

Modulation Type: 802.11be EHT160 (61.3Mbps)
CH114

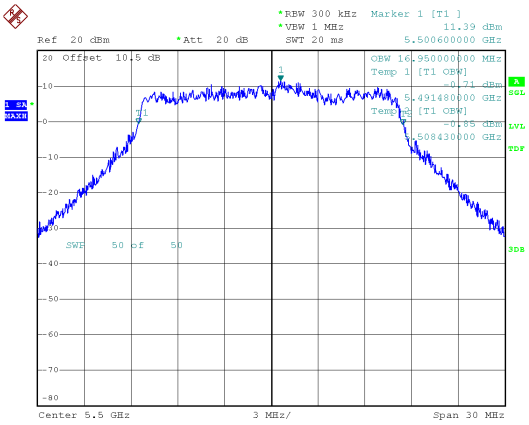


Date: 6.JAN.2025 16:48:02

99% Bandwidth, ANT D

Modulation Type: 802.11a (6Mbps)

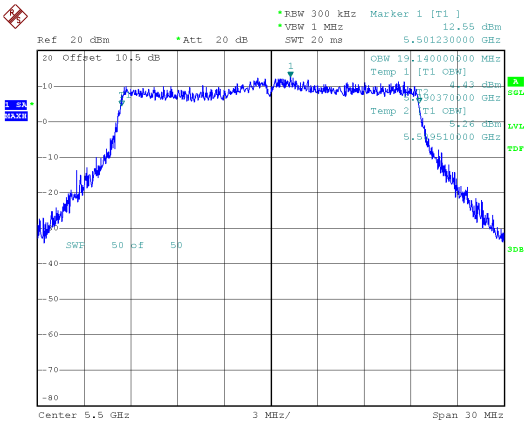
CH100



Date: 3.JAN.2025 11:08:32

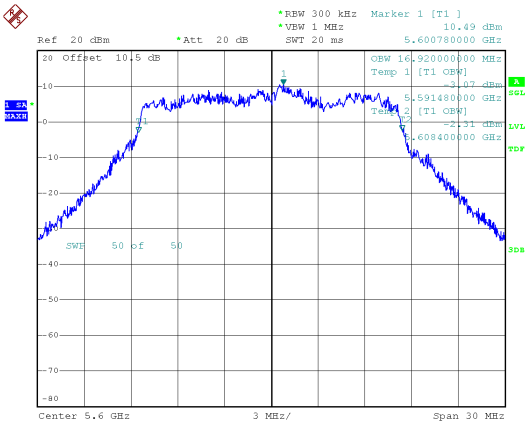
Modulation Type: 802.11be EHT20 (7.3Mbps)

CH100



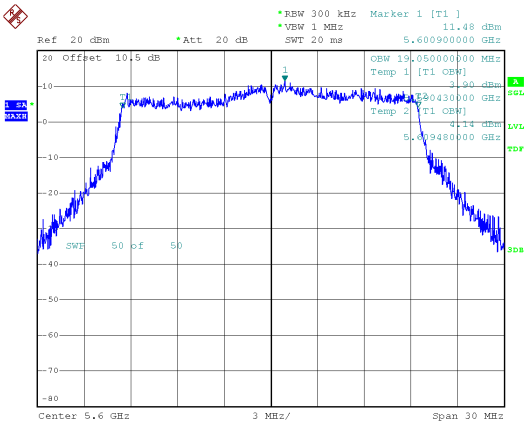
Date: 3.JAN.2025 16:38:23

CH120



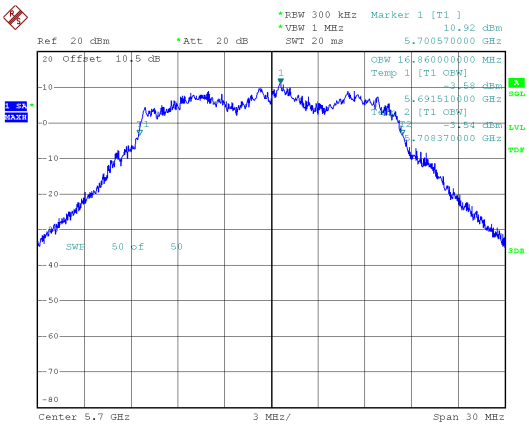
Date: 3.JAN.2025 11:24:44

CH120



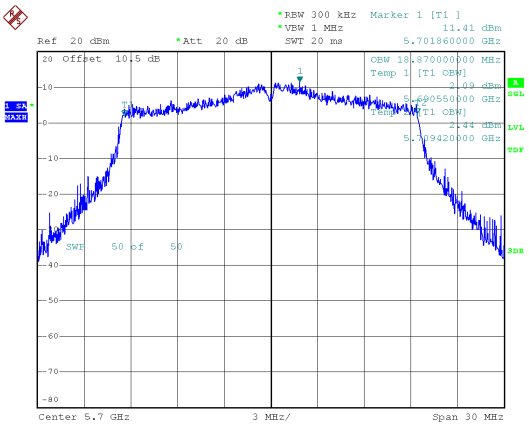
Date: 3.JAN.2025 16:55:41

CH140



Date: 3.JAN.2025 11:42:13

CH140

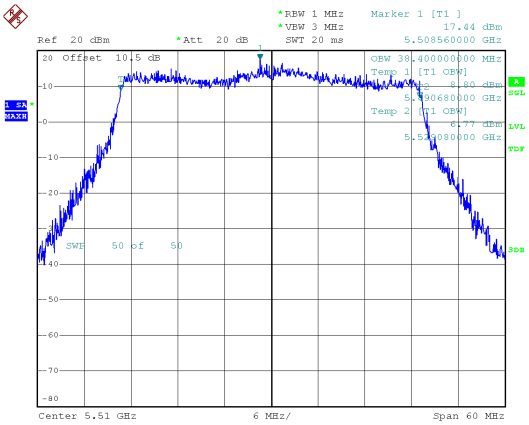


Date: 6.JAN.2025 09:44:46

99% Bandwidth, ANT D

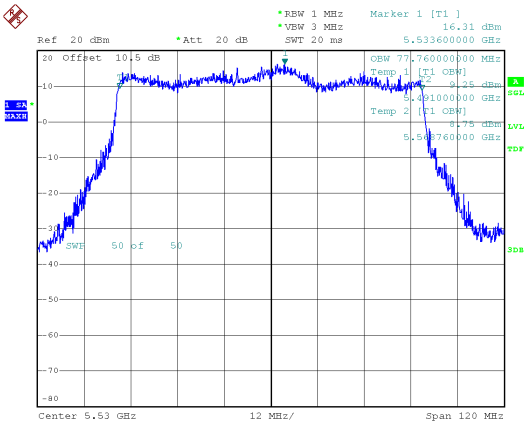
Modulation Type: 802.11be EHT40 (14.6Mbps)

CH102

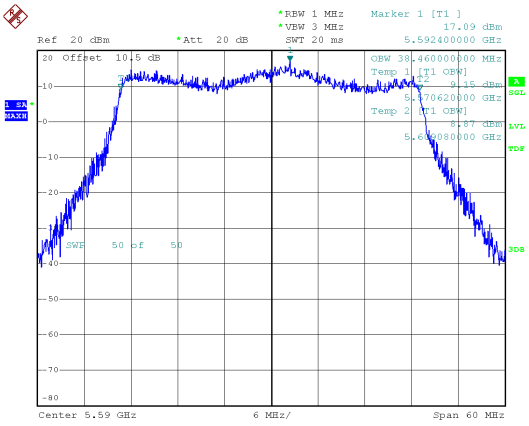


Modulation Type: 802.11be EHT80 (30.6Mbps)

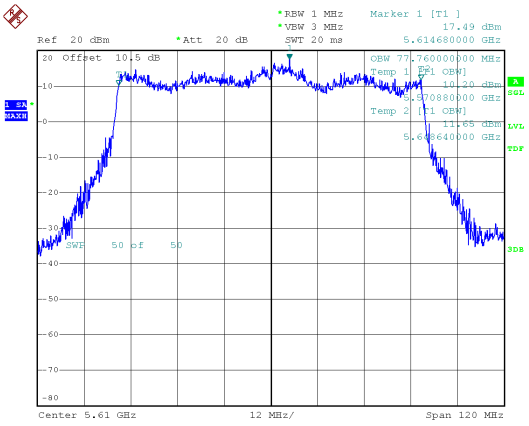
CH106



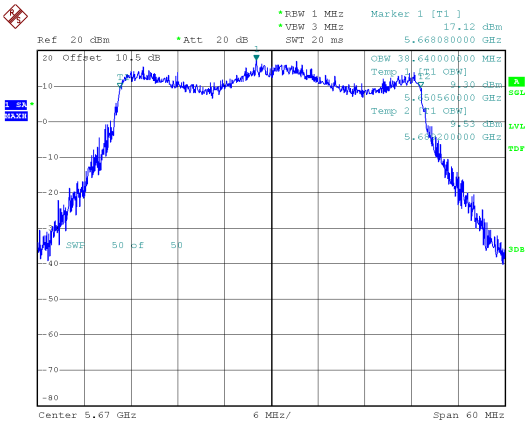
CH118



CH122

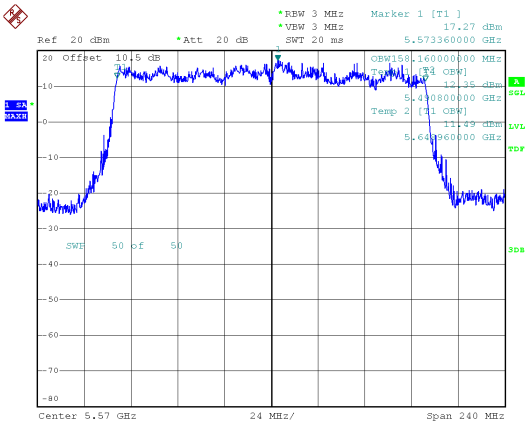


CH134



99% Bandwidth, ANT D

Modulation Type: 802.11be EHT160 (61.3Mbps)
CH114



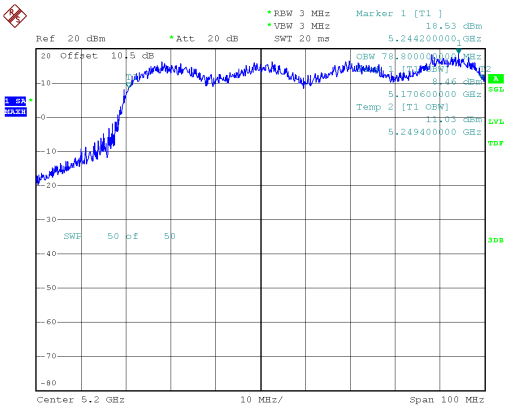
Date: 6.JAN.2025 16:49:30

99% Bandwidth, ANT A

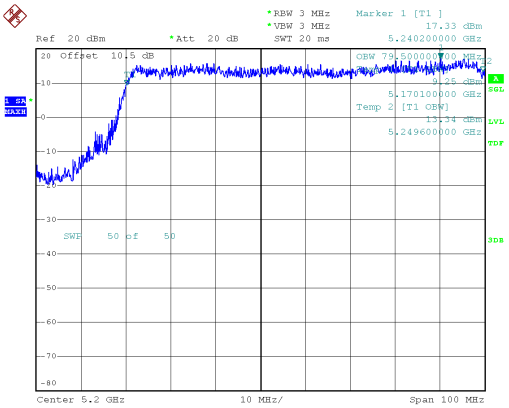
Within 5150-5250MHz Band, Straddle Channel

Modulation Type: 802.11be EHT160

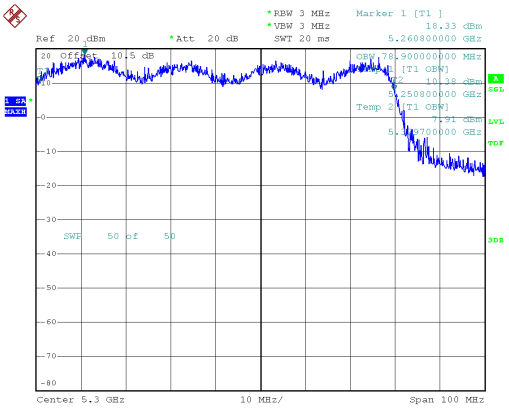
CH50



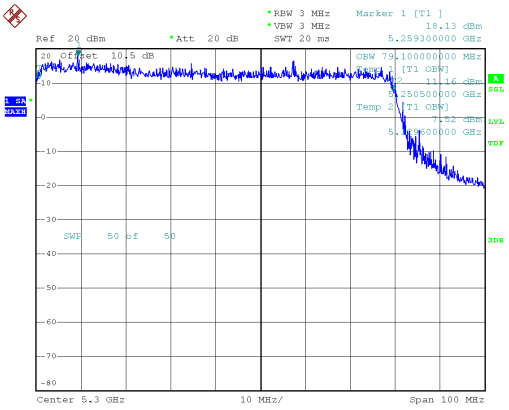
99% Bandwidth, ANT D
Within 5150-5250MHz Band, Straddle Channel
Modulation Type: 802.11be EHT160
CH50



99% Bandwidth, ANT A
Within 5250-5350MHz Band, Straddle Channel
Modulation Type: 802.11be EHT160
CH50

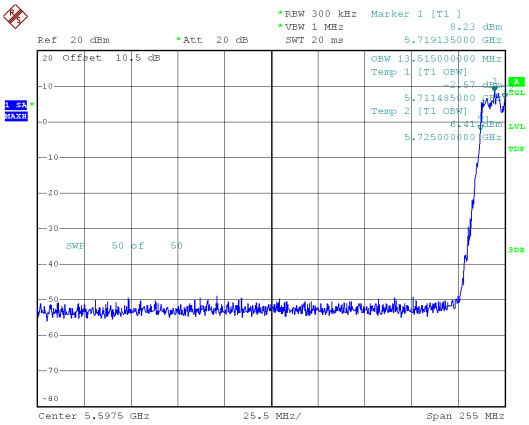


99% Bandwidth, ANT D
Within 5250-5350MHz Band, Straddle Channel
Modulation Type: 802.11be EHT160
CH50



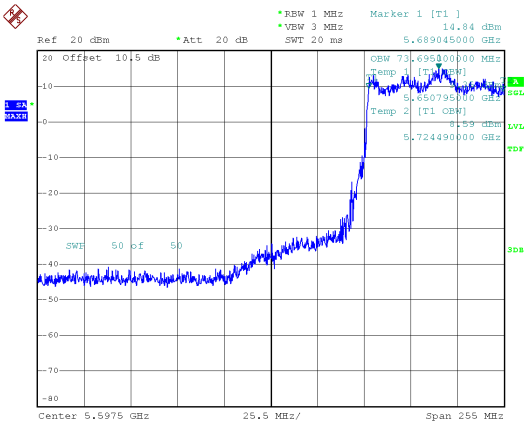
99% Bandwidth, ANT A
Within 5470-5725MHz Band, Straddle Channel

Modulation Type: 802.11a (6Mbps)
CH144



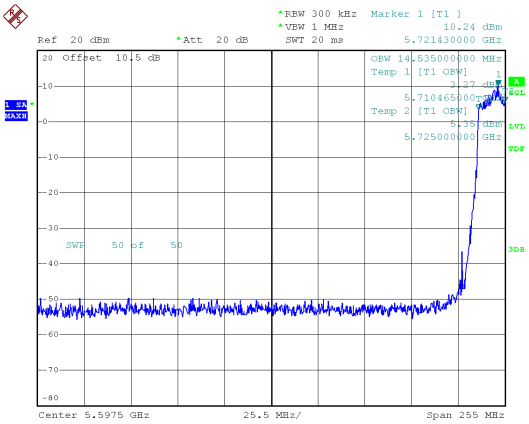
Date: 3.JAN.2025 11:49:34

Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



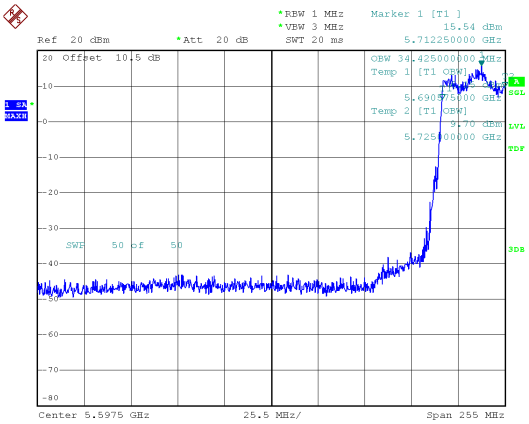
Date: 6.JAN.2025 15:58:05

Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Date: 6.JAN.2025 10:27:38

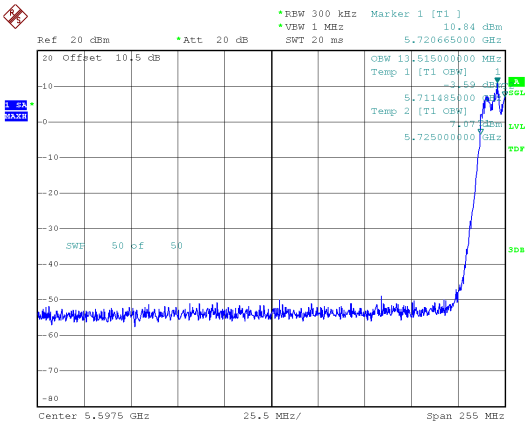
Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



Date: 6.JAN.2025 14:34:48

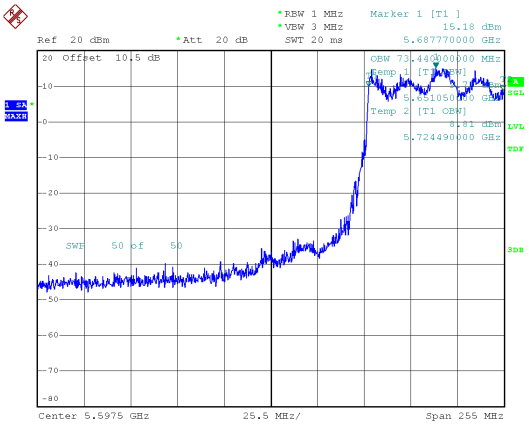
99% Bandwidth, ANT D
Within 5470-5725MHz Band, Straddle Channel

Modulation Type: 802.11a (6Mbps)
CH144



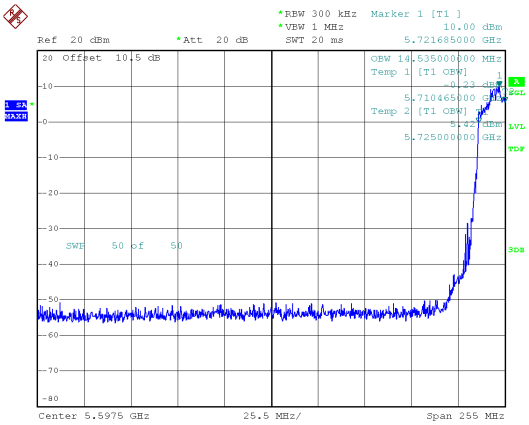
Date: 3.JAN.2025 11:52:19

Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



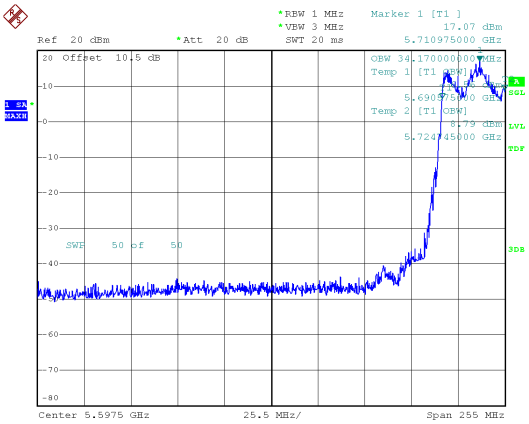
Date: 6.JAN.2025 15:59:37

Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



Date: 6.JAN.2025 10:32:06

Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



Date: 6.JAN.2025 14:36:19

10. Average Power

10.1.Test Limit

Output Power:

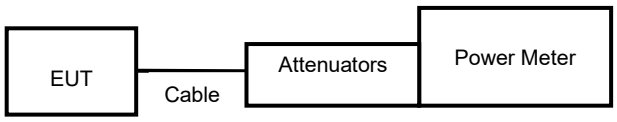
Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
	☐ Outdoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30degrees as measured from the horizon must not exceed125 mW (21 dBm).
	☒ Indoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
	☐ Fixed point-to-point access points	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.
	☐ client devices	The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Frequency Band		Limit
☒	5.25-5.35 GHz	The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☒	5.470-5.725 GHz	
☒	5.725~5.85 GHz	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

10.2. Test Procedure

According to the methods defined in ANSI C63.10-2013 Section 12.3
The transmitter output is connected to a power meter.
The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

10.3. Test Setup Layout



10.4.Test Result and Data

Non-Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11a	6 Mbps	25	36	5180	22.61	23.43	27.65	582.16	30.00
11a	6 Mbps	25	40	5200	22.70	23.27	27.75	595.32	30.00
11a	6 Mbps	25.5	48	5240	23.11	23.59	28.16	655.02	30.00
11ax HE20	NSS1-MCS0	26.5	36	5180	23.85	24.52	27.21	525.80	30.00
11ax HE20	NSS1-MCS0	26.5	40	5200	23.98	24.76	27.40	549.26	30.00
11ax HE20	NSS1-MCS0	27.5	48	5240	25.29	25.70	28.51	709.60	30.00
11ax HE40	NSS1-MCS0	22	38	5190	21.82	22.69	25.29	337.84	30.00
11ax HE40	NSS1-MCS0	26.5	46	5230	25.01	25.19	28.11	647.33	30.00
11ax HE80	NSS1-MCS0	22	42	5210	21.72	22.48	25.13	325.60	30.00
11be EHT20	NSS1-MCS0	26.5	36	5180	23.97	24.66	27.34	541.87	30.00
11be EHT20	NSS1-MCS0	26.5	40	5200	24.04	24.89	27.50	561.83	30.00
11be EHT20	NSS1-MCS0	27.5	48	5240	25.43	25.81	28.63	730.21	30.00
11be EHT40	NSS1-MCS0	22	38	5190	21.92	22.83	25.41	347.46	30.00
11be EHT40	NSS1-MCS0	26.5	46	5230	25.03	25.22	28.14	651.08	30.00
11be EHT80	NSS1-MCS0	22	42	5210	21.80	22.53	25.19	330.42	30.00

Non-Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11a	6 Mbps	19.5	52	5260	17.19	17.70	20.46	111.24	24.00
11a	6 Mbps	19	60	5300	16.72	17.32	20.04	100.94	24.00
11a	6 Mbps	19	64	5320	16.75	17.27	20.03	100.65	24.00
11ax HE20	NSS1-MCS0	20.5	52	5260	17.84	18.96	21.45	139.52	24.00
11ax HE20	NSS1-MCS0	20	60	5300	17.13	18.35	20.79	120.03	24.00
11ax HE20	NSS1-MCS0	20	64	5320	17.24	18.23	20.77	119.49	24.00
11ax HE40	NSS1-MCS0	22.5	54	5270	20.27	21.06	23.69	234.06	24.00
11ax HE40	NSS1-MCS0	19.5	62	5310	18.82	19.35	22.10	162.31	24.00
11ax HE80	NSS1-MCS0	19.5	58	5290	18.69	18.92	21.82	151.94	24.00
11be EHT20	NSS1-MCS0	20.5	52	5260	17.92	19.06	21.54	142.48	24.00
11be EHT20	NSS1-MCS0	20	60	5300	17.27	18.48	20.93	123.80	24.00
11be EHT20	NSS1-MCS0	20	64	5320	17.35	18.36	20.89	122.87	24.00
11be EHT40	NSS1-MCS0	22.5	54	5270	20.35	21.20	23.81	240.22	24.00
11be EHT40	NSS1-MCS0	19.5	62	5310	18.97	19.52	22.26	168.42	24.00
11be EHT80	NSS1-MCS0	19.5	58	5290	18.83	19.05	21.95	156.74	24.00

Non-Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11a	6 Mbps	17.5	100	5500	15.05	14.92	18.00	63.03	24.00
11a	6 Mbps	17.5	120	5600	15.15	15.31	18.24	66.70	24.00
11a	6 Mbps	17.5	140	5700	15.54	15.27	18.42	69.46	24.00
11ax HE20	NSS1-MCS0	18.5	100	5500	16.81	15.76	19.33	85.64	24.00
11ax HE20	NSS1-MCS0	18	120	5600	16.47	15.86	19.19	82.91	24.00
11ax HE20	NSS1-MCS0	18	140	5700	16.52	16.40	19.47	88.53	24.00
11ax HE40	NSS1-MCS0	19.5	102	5510	17.79	17.59	20.70	117.53	24.00
11ax HE40	NSS1-MCS0	20.5	118	5590	18.69	18.22	21.47	140.33	24.00
11ax HE40	NSS1-MCS0	21	134	5670	19.09	19.05	22.08	161.45	24.00
11ax HE80	NSS1-MCS0	20.5	106	5530	19.74	19.12	22.45	175.85	24.00
11ax HE80	NSS1-MCS0	22.5	122	5610	20.73	20.82	23.79	239.09	24.00
11ax HE160	NSS1-MCS0	20.5	114	5570	20.08	19.86	22.98	198.69	24.00
11be EHT20	NSS1-MCS0	18.5	100	5500	16.93	15.88	19.45	88.04	24.00
11be EHT20	NSS1-MCS0	18	120	5600	16.61	15.98	19.32	85.44	24.00
11be EHT20	NSS1-MCS0	18	140	5700	16.66	16.52	19.60	91.22	24.00
11be EHT40	NSS1-MCS0	19.5	102	5510	18.02	17.85	20.95	124.34	24.00
11be EHT40	NSS1-MCS0	20.5	118	5590	18.78	18.34	21.58	143.74	24.00
11be EHT40	NSS1-MCS0	21	134	5670	19.28	19.19	22.25	167.71	24.00
11be EHT80	NSS1-MCS0	20.5	106	5530	19.85	19.23	22.56	180.36	24.00
11be EHT80	NSS1-MCS0	22.5	122	5610	20.89	20.98	23.95	248.06	24.00
11be EHT160	NSS1-MCS0	20.5	114	5570	20.24	19.91	23.09	203.63	24.00

Non-Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11a	6 Mbps	26.5	149	5745	25.09	25.11	28.11	647.19	30.00
11a	6 Mbps	27	157	5785	25.41	25.53	28.48	704.81	30.00
11a	6 Mbps	27	165	5825	25.43	25.47	28.46	701.51	30.00
11ax HE20	NSS1-MCS0	26.5	149	5745	25.15	25.38	28.28	672.48	30.00
11ax HE20	NSS1-MCS0	26.5	157	5785	25.21	25.67	28.46	700.87	30.00
11ax HE20	NSS1-MCS0	27	165	5825	25.28	25.80	28.56	717.48	30.00
11ax HE40	NSS1-MCS0	26.5	151	5755	25.21	25.45	28.34	682.65	30.00
11ax HE40	NSS1-MCS0	26.5	159	5795	25.24	25.57	28.42	694.77	30.00
11ax HE80	NSS1-MCS0	23.5	155	5775	22.16	23.65	25.98	396.18	30.00
11be EHT20	NSS1-MCS0	26.5	149	5745	25.29	25.57	28.44	698.64	30.00
11be EHT20	NSS1-MCS0	26.5	157	5785	25.35	25.82	28.60	724.71	30.00
11be EHT20	NSS1-MCS0	27	165	5825	25.44	25.99	28.73	747.14	30.00
11be EHT40	NSS1-MCS0	26.5	151	5755	25.27	25.47	28.38	688.88	30.00
11be EHT40	NSS1-MCS0	26.5	159	5795	25.27	25.58	28.44	697.92	30.00
11be EHT80	NSS1-MCS0	23.5	155	5775	22.31	23.74	26.09	406.81	30.00

Non-Beamfroming:

FCC Maximum Conducted Output Power (Within 5470-5725MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
18	11a	6M	5720	14.81	14.88	17.86	0.00	61.030	17.86	22.92
18	11ax HE20	NSS1-MCS0	5720	14.23	14.67	17.47	0.11	57.225	17.58	23.06
20.5	11ax HE40	NSS1-MCS0	5710	17.54	17.72	20.64	0.13	119.433	20.77	24.00
23.5	11ax HE80	NSS1-MCS0	5690	20.37	20.50	23.45	0.14	228.338	23.59	24.00
18	11be EHT20	NSS1-MCS0	5720	14.55	15.03	17.81	0.11	61.900	17.92	23.06
20.5	11be EHT40	NSS1-MCS0	5710	17.62	17.82	20.73	0.13	121.940	20.86	24.00
23.5	11be EHT80	NSS1-MCS0	5690	20.39	20.57	23.49	0.14	230.740	23.63	24.00

FCC Maximum Conducted Output Power (Extends across 5725MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
18	11a	6M	5720	7.84	7.72	10.79	0.00	11.997	10.79	30.00
18	11ax HE20	NSS1-MCS0	5720	8.14	7.65	10.91	0.11	12.654	11.02	30.00
20.5	11ax HE40	NSS1-MCS0	5710	7.29	8.12	10.74	0.13	12.204	10.87	30.00
23.5	11ax HE80	NSS1-MCS0	5690	6.81	7.87	10.38	0.14	11.279	10.52	30.00
18	11be EHT20	NSS1-MCS0	5720	8.37	7.84	11.12	0.11	13.284	11.23	30.00
20.5	11be EHT40	NSS1-MCS0	5710	7.36	8.30	10.87	0.11	12.519	10.98	30.00
23.5	11be EHT80	NSS1-MCS0	5690	6.85	7.92	10.43	0.13	11.371	10.56	30.00

Channel	Setting	Modulation Type	Data Rate	Frequency (MHz)	Avg Power Output (dBm)		Total Power
					ANT A	ANT D	(dBm)
Meter power (for full power)							
Ch144	18	11a	6 Mbps	5720MHz	15.92	15.75	18.85
Ch144	18	11ax HE20	NSS1-MCS0	5720MHz	16.32	16.13	19.24
Ch142	20.5	11ax HE40	NSS1-MCS0	5710MHz	18.68	18.86	21.78
Ch138	23.5	11ax HE80	NSS1-MCS0	5690MHz	21.52	21.41	24.48
Ch144	18	11be EHT20	NSS1-MCS0	5720MHz	16.45	16.24	19.36
Ch142	20.5	11be EHT40	NSS1-MCS0	5710MHz	18.82	18.99	21.92
Ch138	23.5	11be EHT80	NSS1-MCS0	5690MHz	21.6	21.54	24.58

Note: Power Meter Average power is for reference only.

Non-Beamfroming:

FCC Maximum Conducted Output Power (Within 5150-5250MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
17.5	11ax HE160	NSS1-MCS0	5250	13.18	12.75	15.98	0.11	40.650	16.09	30.00
17.5	11be EHT160	NSS1-MCS0	5250	12.75	12.87	15.82	0.11	39.181	15.93	30.00

FCC Maximum Conducted Output Power (Extends across 5250MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
17.5	11ax HE160	NSS1-MCS0	5250	13.22	12.08	15.70	0.11	38.086	15.81	24.00
17.5	11be EHT160	NSS1-MCS0	5250	12.99	12.29	15.66	0.11	37.795	15.77	24.00

Channel	Setting	Modulation Type	Data Rate	Frequency (MHz)	Avg Power Output (dBm)		Total Power
					ANT A	ANT D	(dBm)
Meter power (for full power)							
50	17.5	11ax HE160	NSS1-MCS0	5250	17.65	17.85	20.76
50	17.5	11be EHT160	NSS1-MCS0	5250	17.78	17.93	20.87

Note: Power Meter Average power is for reference only.

Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11ax HE20	NSS1-MCS0	22	36	5180	19.76	21.18	23.54	225.844	24.00
11ax HE20	NSS1-MCS0	22	40	5200	19.59	21.01	23.37	217.174	24.00
11ax HE20	NSS1-MCS0	22.5	48	5240	19.87	21.14	23.56	227.068	24.00
11ax HE40	NSS1-MCS0	22	38	5190	20.23	21.18	23.74	236.659	24.00
11ax HE40	NSS1-MCS0	22	46	5230	20.02	20.74	23.41	219.038	24.00
11ax HE80	NSS1-MCS0	22.5	42	5210	20.44	21.03	23.76	237.428	24.00
11be EHT20	NSS1-MCS0	22	36	5180	19.77	21.31	23.62	230.049	24.00
11be EHT20	NSS1-MCS0	22	40	5200	19.62	21.10	23.43	220.447	24.00
11be EHT20	NSS1-MCS0	22.5	48	5240	19.96	21.25	23.66	232.435	24.00
11be EHT40	NSS1-MCS0	22	38	5190	20.37	21.24	23.84	241.938	24.00
11be EHT40	NSS1-MCS0	22	46	5230	20.18	20.80	23.51	224.458	24.00
11be EHT80	NSS1-MCS0	22.5	42	5210	20.52	21.09	23.82	241.248	24.00

Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11ax HE20	NSS1-MCS0	17	52	5260	14.38	15.59	18.04	63.640	24.00
11ax HE20	NSS1-MCS0	16	60	5300	14.01	14.92	17.50	56.222	24.00
11ax HE20	NSS1-MCS0	16	64	5320	13.99	14.95	17.51	56.322	24.00
11ax HE40	NSS1-MCS0	19	54	5270	17.20	17.84	20.54	113.294	24.00
11ax HE40	NSS1-MCS0	19	62	5310	17.37	17.99	20.70	117.526	24.00
11ax HE80	NSS1-MCS0	19	58	5290	17.22	17.61	20.43	110.400	24.00
11be EHT20	NSS1-MCS0	17	52	5260	14.47	15.69	18.13	65.058	24.00
11be EHT20	NSS1-MCS0	16.5	60	5300	14.47	15.46	18.00	63.146	24.00
11be EHT20	NSS1-MCS0	16.5	64	5320	14.42	15.39	17.94	62.263	24.00
11be EHT40	NSS1-MCS0	19	54	5270	17.29	17.97	20.65	116.241	24.00
11be EHT40	NSS1-MCS0	19	62	5310	17.42	18.06	20.76	119.181	24.00
11be EHT80	NSS1-MCS0	19.5	58	5290	17.73	18.09	20.92	123.709	24.00

Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11ax HE20	NSS1-MCS0	14.5	100	5500	13.25	12.84	16.06	40.366	24.00
11ax HE20	NSS1-MCS0	14.5	120	5600	13.27	12.91	16.10	40.776	24.00
11ax HE20	NSS1-MCS0	14.5	140	5700	13.47	13.29	16.39	43.564	24.00
11ax HE40	NSS1-MCS0	17	102	5510	15.52	15.51	18.53	71.208	24.00
11ax HE40	NSS1-MCS0	16.5	118	5590	15.30	15.27	18.30	67.536	24.00
11ax HE40	NSS1-MCS0	17	134	5670	15.97	15.93	18.96	78.711	24.00
11ax HE80	NSS1-MCS0	18.5	106	5530	17.07	16.95	20.02	100.478	24.00
11ax HE80	NSS1-MCS0	18.5	122	5610	16.99	16.73	19.87	97.101	24.00
11ax HE160	NSS1-MCS0	18	114	5570	17.32	17.26	20.30	107.162	24.00
11be EHT20	NSS1-MCS0	14.5	100	5500	13.47	13.03	16.27	42.324	24.00
11be EHT20	NSS1-MCS0	14.5	120	5600	13.43	13.05	16.25	42.213	24.00
11be EHT20	NSS1-MCS0	14.5	140	5700	13.61	13.47	16.55	45.195	24.00
11be EHT40	NSS1-MCS0	17	102	5510	15.57	15.55	18.57	71.950	24.00
11be EHT40	NSS1-MCS0	16.5	118	5590	15.36	15.31	18.35	68.318	24.00
11be EHT40	NSS1-MCS0	17	134	5670	16.00	15.99	19.01	79.530	24.00
11be EHT80	NSS1-MCS0	19	106	5530	17.66	17.43	20.56	113.680	24.00
11be EHT80	NSS1-MCS0	19	122	5610	17.47	17.15	20.32	107.727	24.00
11be EHT160	NSS1-MCS0	21.5	114	5570	20.72	20.58	23.66	232.320	24.00

Beamfroming:

Modulation Type	Data Rate	Conducted Setting	Channel	Frequency (MHz)	Measured value of each antenna port (dBm)		Total power (dBm)	Total power (mW)	FCC Limit (dBm)
					ANT A	ANT D			
11ax HE20	NSS1-MCS0	23	149	5745	21.79	22.16	24.99	315.445	30.00
11ax HE20	NSS1-MCS0	23	157	5785	21.60	22.38	25.02	317.526	30.00
11ax HE20	NSS1-MCS0	23	165	5825	21.54	22.42	25.01	317.143	30.00
11ax HE40	NSS1-MCS0	23	151	5755	21.89	22.12	25.02	317.455	30.00
11ax HE40	NSS1-MCS0	22.5	159	5795	21.41	21.94	24.69	294.671	30.00
11ax HE80	NSS1-MCS0	23	155	5775	21.59	21.86	24.74	297.673	30.00
11be EHT20	NSS1-MCS0	23	149	5745	21.92	22.24	25.09	323.091	30.00
11be EHT20	NSS1-MCS0	23	157	5785	21.64	22.45	25.07	321.674	30.00
11be EHT20	NSS1-MCS0	23	165	5825	21.61	22.52	25.10	323.526	30.00
11be EHT40	NSS1-MCS0	23	151	5755	21.91	22.16	25.05	319.819	30.00
11be EHT40	NSS1-MCS0	22.5	159	5795	21.46	22.01	24.75	298.813	30.00
11be EHT80	NSS1-MCS0	23	155	5775	21.67	21.91	24.80	302.131	30.00

Beamfroming:

FCC Maximum Conducted Output Power (Within 5470-5725MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
14	11ax HE20	NSS1-MCS0	5720	10.97	10.96	13.98	0.11	25.617	14.09	22.99
16.5	11ax HE40	NSS1-MCS0	5710	14.33	14.09	17.22	0.13	54.350	17.35	24.00
19.5	11ax HE80	NSS1-MCS0	5690	16.97	16.95	19.97	0.14	102.573	20.11	24.00
14	11be EHT20	NSS1-MCS0	5720	11.21	11.23	14.23	0.11	27.166	14.34	22.92
17	11be EHT40	NSS1-MCS0	5710	14.84	14.64	17.75	0.11	61.115	17.86	24.00
20	11be EHT80	NSS1-MCS0	5690	17.50	17.45	20.49	0.13	115.222	20.62	24.00

FCC Maximum Conducted Output Power (Extends across 5725MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
14	11ax HE20	NSS1-MCS0	5720	4.55	4.22	7.40	0.11	5.634	7.51	30.00
16.5	11ax HE40	NSS1-MCS0	5710	4.30	4.48	7.40	0.13	5.664	7.53	30.00
19.5	11ax HE80	NSS1-MCS0	5690	4.31	4.24	7.29	0.14	5.528	7.43	30.00
14	11be EHT20	NSS1-MCS0	5720	4.72	4.39	7.57	0.11	5.859	7.68	30.00
17	11be EHT40	NSS1-MCS0	5710	4.86	5.04	7.96	0.11	6.414	8.07	30.00
20	11be EHT80	NSS1-MCS0	5690	4.09	4.75	7.44	0.13	5.719	7.57	30.00

Channel	Setting	Modulation Type	Data Rate	Frequency (MHz)	Avg Power Output (dBm)		Total Power
					ANT A	ANT D	(dBm)
Meter power (for full power)							
Ch144	14	11ax HE20	NSS1-MCS0	5720MHz	12.94	12.91	15.94
Ch142	16.5	11ax HE40	NSS1-MCS0	5710MHz	15.55	15.43	18.50
Ch138	19.5	11ax HE80	NSS1-MCS0	5690MHz	18.12	17.97	21.06
Ch144	14	11be EHT20	NSS1-MCS0	5720MHz	13.03	12.92	15.99
Ch142	17	11be EHT40	NSS1-MCS0	5710MHz	16.05	15.88	18.98
Ch138	20	11be EHT80	NSS1-MCS0	5690MHz	18.65	18.57	21.62

Note: Power Meter Average power is for reference only.

Beamfroming:

FCC Maximum Conducted Output Power (Within 5150-5250MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
14	11ax HE160	NSS1-MCS0	5250	14.52	15.15	17.86	0.11	62.614	17.97	24.00
14	11be EHT160	NSS1-MCS0	5250	14.59	15.26	17.95	0.11	63.947	18.06	24.00

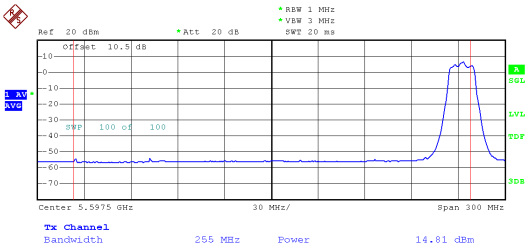
FCC Maximum Conducted Output Power (Extends across 5250MHz band) RF Output Power(dBm)										
Setting	Modulation Type	Data Rate	Frequency (MHz)	W/O Duty Factor Measured value of each antenna port (dBm)		W/O duty factor Total power (dBm)	Duty Factor (dB)	With duty factor Total power (mW)	With duty factor Total power (dBm)	FCC Limit (dBm)
				ANT A	ANT D					
14	11ax HE160	NSS1-MCS0	5250	14.77	14.67	17.73	0.11	60.822	17.84	#NUM!
14	11be EHT160	NSS1-MCS0	5250	14.80	14.75	17.79	0.11	61.594	17.90	#NUM!

Channel	Setting	Modulation Type	Data Rate	Frequency (MHz)	Avg Power Output (dBm)		Total Power
					ANT A	ANT D	(dBm)
Meter power (for full power)							
50	14	11ax HE160	NSS1-MCS0	5250	14.65	14.74	17.71
50	14	11be EHT160	NSS1-MCS0	5250	14.73	14.89	17.82

Note: Power Meter Average power is for reference only.

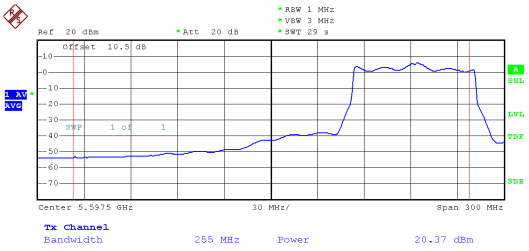
Non-Beamfroming ANT A:
Within 5470-5725MHz Band, Straddle Channel

Modulation Type: 802.11a (6Mbps)
CH144



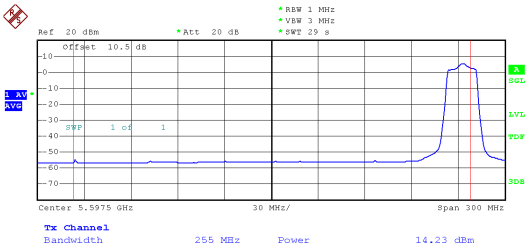
Date: 3.JAN.2025 11:56:46

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH138



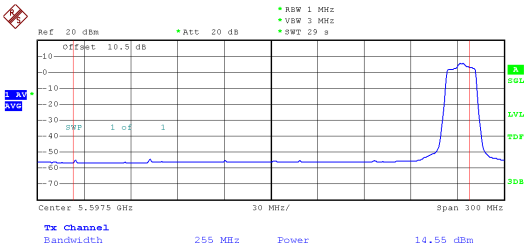
Date: 6.JAN.2025 17:52:49

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH144



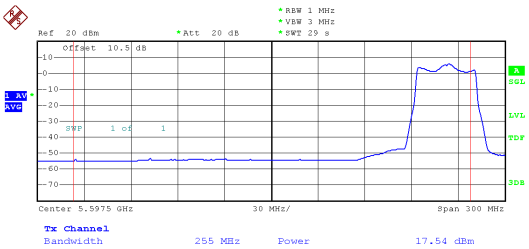
Date: 6.JAN.2025 17:37:52

Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



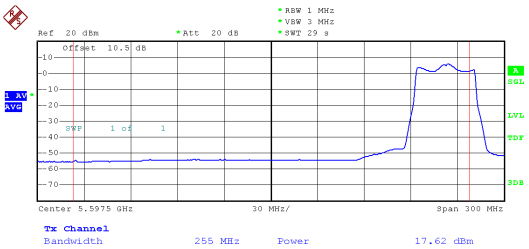
Date: 6.JAN.2025 10:48:34

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH142



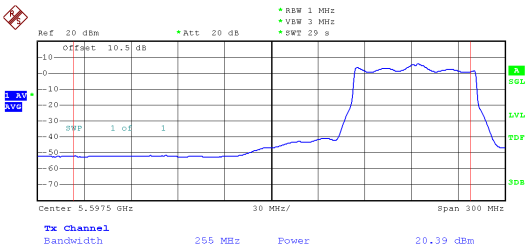
Date: 6.JAN.2025 17:45:28

Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



Date: 6.JAN.2025 14:30:17

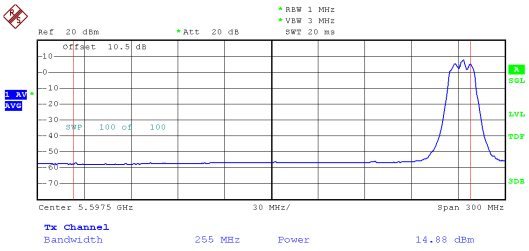
Non-Beamfroming ANT A:
Within 5470-5725MHz Band, Straddle Channel
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



Date: 6.JAN.2025 15:52:03

Non-Beamfroming ANT D:
Within 5470-5725MHz Band, Straddle Channel

Modulation Type: 802.11a (6Mbps)
CH144



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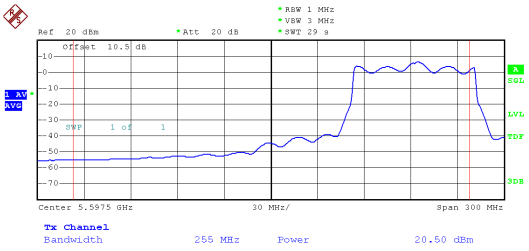
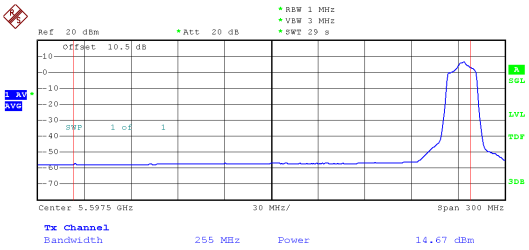
Modulation Type: 802.11ax HE80 (30.6Mbps)
CH138



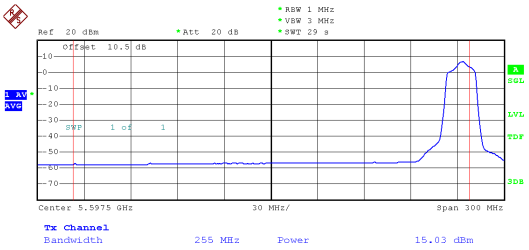
Date: 6.JAN.2025 17:55:07

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH144



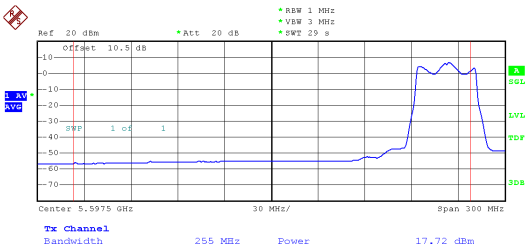
Date: 6.JAN.2025 17:40:10

Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



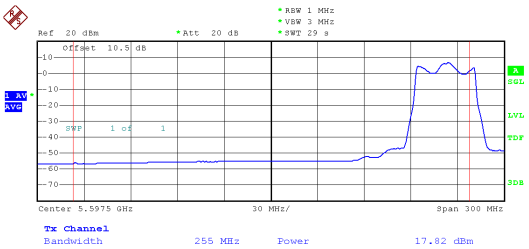
Date: 6.JAN.2025 10:51:31

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH142



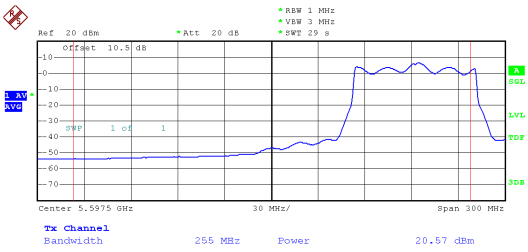
Date: 6.JAN.2025 17:47:45

Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



Date: 6.JAN.2025 14:32:35

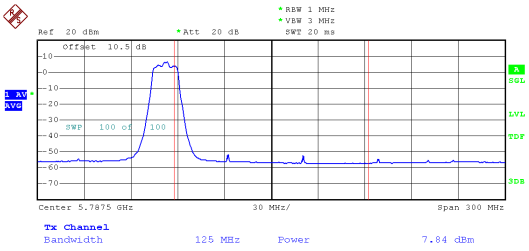
Non-Beamfroming ANT D:
Within 5470-5725MHz Band, Straddle Channel
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



Date: 6.JAN.2025 15:55:38

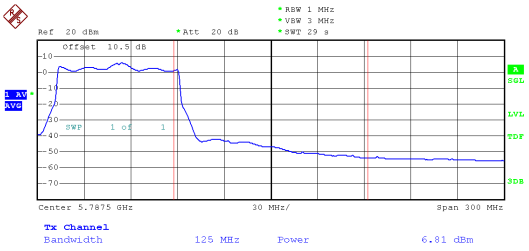
Non-Beamfroming ANT A:
Extends across 5725MHz band, Straddle Channel

Modulation Type: 802.11a (6Mbps)
CH144



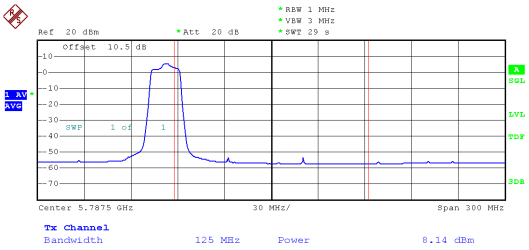
Date: 3.JAN.2025 11:57:13

Modulation Type: 802.11ax HE80 (30.6Mbps)
CH138



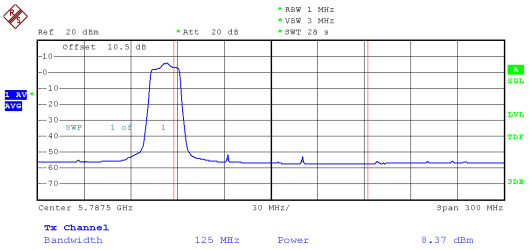
Date: 6.JAN.2025 17:53:58

Modulation Type: 802.11ax HE20 (7.3Mbps)
CH144



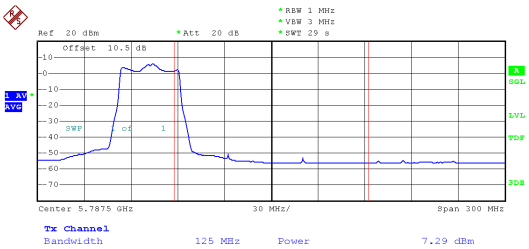
Date: 6.JAN.2025 17:39:01

Modulation Type: 802.11be EHT20 (7.3Mbps)
CH144



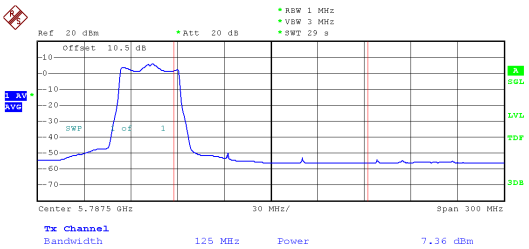
Date: 6.JAN.2025 10:49:39

Modulation Type: 802.11ax HE40 (14.6Mbps)
CH142



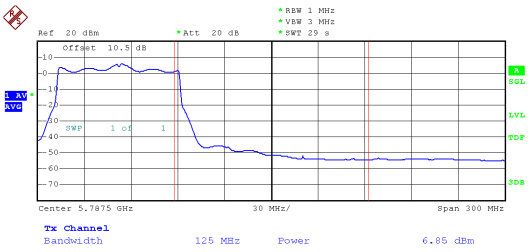
Date: 6.JAN.2025 17:46:36

Modulation Type: 802.11be EHT40 (14.6Mbps)
CH142



Date: 6.JAN.2025 14:31:26

Non-Beamfroming ANT A:
Extends across 5725MHz band, Straddle Channel
Modulation Type: 802.11be EHT80 (30.6Mbps)
CH138



Date: 6.JAN.2025 15:53:12